PCI fan is failing and can't determine which is fan 3 and which is fan 4.

Published 05/14/2008

Symptom(s):

```
PCI fan is failing and can't determine which is fan 3 and which is fan 4.
Fan output from L1 will look similar to the following:
001c10-L1>fan
fan(s) are on.
fan 0 EXHST 1  rpm 4963
fan 1 EXHST 2  rpm 4963
fan 2 PS       rpm 3590
fan 3 PCI 1    rpm 4440
fan 4 PCI 2    rpm 0
```

Fact(s):

```
Origin 350
Onyx 4
```

SGI Solution:

```
The two PCI fans are pressed into a single housing and the assembly has a connector for each individual fan.  Replacement part is 013-
3882-001 -  Fan assy 80x80x15mm

On Origin 350 bricks and Onyx 4 compute bricks the replacement fans are as follows.

fan 0 EXHST 1   ====> 013-3890-003 Fan Impeller Assy
fan 1 EXHST 2   ====> 013-3890-003 Fan Impeller Assy
fan 2 PS            ====> 013-3881-003 Fan Assy 60x60x25mm
fan 3 PCI 1        ====> 013-3882-001  Fan assy 80x80x15mm
fan 4 PCI 2        ====> 013-3882-001  Fan assy 80x80x15mm
```

Answers others found helpful

- SYSLOG Error: "WARNING: 018r27 ATTN: FAN <X> warning limit reached @ 0 RPM
- Fan 0 warning limit reached at 0 rpm - Identifying Fan 0 on an Onyx 350
- global master is on the wrong brick

Additional Details

Creation Date	06/04/2007 09:25 AM
Last modification	09/21/2015 08:32 PM
Published Date	05/14/2008
Products	• Servers and Clusters • SGI Origin/Onyx • Origin/Onyx Server • Workstations • SGI Tezro • O2 • Octane
Categories	• Knowledgebase • Technical Solution